

STN Columbus

* * * * * Welcome to STN International * * * * *

NEWS 1 Web Page for STN Seminar Schedule - N. America
NEWS 2 AUG 10 Time limit for inactive STN sessions doubles to 40
minutes
NEWS 3 AUG 18 COMPENDEX indexing changed for the Corporate Source
(CS) field
NEWS 4 AUG 24 ENCOMPLIT/ENCOMPLIT2 reloaded and enhanced
NEWS 5 AUG 24 CA/CAPLUS enhanced with legal status information for
U.S. patents
NEWS 6 SEP 09 50 Millionth Unique Chemical Substance Recorded in
CAS REGISTRY
NEWS 7 SEP 11 WPIDS, WPINDEX, and WPIX now include Japanese FTERM
thesaurus
NEWS 8 OCT 21 Derwent World Patents Index Coverage of Indian and
Taiwanese Content Expanded
NEWS 9 OCT 21 Derwent World Patents Index enhanced with human
translated claims for Chinese Applications and
Utility Models
NEWS 10 NOV 23 Addition of SCAN format to selected STN databases
NEWS 11 NOV 23 Annual Reload of IFI Databases
NEWS 12 DEC 01 FRFULL Content and Search Enhancements
NEWS 13 DEC 01 DGENE, USGENE, and PCTGEN: new percent identity
feature for sorting BLAST answer sets
NEWS 14 DEC 02 Derwent World Patent Index: Japanese FI-TERM
thesaurus added
NEWS 15 DEC 02 PCTGEN enhanced with patent family and legal status
display data from INPADOCDB
NEWS 16 DEC 02 USGENE: Enhanced coverage of bibliographic and
sequence information
NEWS 17 DEC 21 New Indicator Identifies Multiple Basic Patent
Records Containing Equivalent Chemical Indexing
in CA/CAPLUS

NEWS EXPRESS MAY 26 09 CURRENT WINDOWS VERSION IS V8.4,
AND CURRENT DISCOVER FILE IS DATED 06 APRIL 2009.

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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 20:11:04 ON 24 DEC 2009

=> file ca		
COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
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FILE 'CA' ENTERED AT 20:11:23 ON 24 DEC 2009
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FILE COVERS 1907 - 17 Dec 2009 VOL 151 ISS 26
FILE LAST UPDATED: 17 Dec 2009 (20091217/ED)
REVISED CLASS FIELDS (/NCL) LAST RELOADED: Oct 2009
USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Oct 2009

CA now includes complete International Patent Classification (IPC) reclassification data for the third quarter of 2009.

CAS Information Use Policies apply and are available at:

<http://www.cas.org/legal/infopolicy.html>

This file contains CAS Registry Numbers for easy and accurate substance identification.

```
=> s tablet?
L1      108428 TABLET?

=> s (acrylic polymer)
      321240 ACRYLIC
      1257231 POLYMER
L2      40497 (ACRYLIC POLYMER)
      (ACRYLIC(W)POLYMER)

=> s (harden?)
L3      211552 (HARDEN?)

=> s l1 and l2
L4      206 L1 AND L2

=> s l3 and l4
L5      0 L3 AND L4

=> s (ammoniometh-acrylate?)
      0 AMMONIOMETH
      226495 ACRYLATE?
L6      0 (AMMONIOMETH-ACRYLATE?)
      (AMMONIOMETH(W)ACRYLATE?)

=> s (ammonio meth-acrylate?)
      1479 AMMONIO
      43865 METH
      226495 ACRYLATE?
L7      0 (AMMONIO METH-ACRYLATE?)
      (AMMONIO(W)METH(W)ACRYLATE?)

=> s (cur? or hard?)
      2092932 CUR?
      652453 HARD?
L8      2660601 (CUR? OR HARD?)

=> s l4 and l8
L9      34 L4 AND L8

=> d 1-34

L9      ANSWER 1 OF 34  CA  COPYRIGHT 2009 ACS on STN
Full Text
AN      140:276172  CA
TI      Taste masked dosage forms comprising acrylic polymers and processes for
      their preparation
IN      Murpani, Deepak; Arora, Vinod Kumar; Malik, Rajiv
PA      Ranbaxy Laboratories Limited, India
```

SO PCT Int. Appl., 23 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2004022037	A1	20040318	WO 2003-IB3779	20030904
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	IN 194610	A1	20041120	IN 2002-DE903	20020904
	IN 2002DE00903	A	20050121		
	CA 2497176	A1	20040318	CA 2003-2497176	20030904
	AU 2003259417	A1	20040329	AU 2003-259417	20030904
	EP 1536774	A1	20050608	EP 2003-793976	20030904
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
	BR 2003014036	A	20050712	BR 2003-14036	20030904
	CN 1688292	A	20051026	CN 2003-824574	20030904
	JP 2006502156	T	20060119	JP 2004-533743	20030904
	IN 2005DN00822	A	20071130	IN 2005-DN822	20050302
	US 20060039981	A1	20060223	US 2005-526844	20050727
PRAI	IN 2002-DE903	A	20020904		
	WO 2003-IB3779	W	20030904		

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

OSC.G 2 THERE ARE 2 CAPLUS RECORDS THAT CITE THIS RECORD (4 CITINGS)

RE.CNT 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD

ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 2 OF 34 CA COPYRIGHT 2009 ACS on STN

Full Text

AN 140:151948 CA

TI Sustained release of guaifenesin combination drugs

IN Davis, Robert D.; Blume, Ralph W.; Keyser, Donald Jeffrey

PA USA

SO U.S. Pat. Appl. Publ., 72 pp., Cont.-in-part of U.S. Ser. No. 121,706.

CODEN: USXXCO

DT Patent

LA English

FAN.CNT 6

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 20040022851	A1	20040205	US 2003-406574	20030404
	US 6372252	B1	20020416	US 2000-559542	20000428
	EP 1913937	A1	20080423	EP 2008-1694	20010426
	R: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE, TR				
	US 20030049318	A1	20030313	US 2002-121706	20020415
	US 6955821	B2	20051018		
	CA 2481739	A1	20031030	CA 2003-2481739	20030415
	WO 2003088952	A1	20031030	WO 2003-US11500	20030415
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	AU 2003237807	A1	20031103	AU 2003-237807	20030415
	AU 2003237807	B2	20081023		
	EP 1503739	A1	20050209	EP 2003-736462	20030415

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
 IE, SI, FI, RO, CY, TR, BG, CZ, EE, HU, SK

CN 1655766	A	20050817	CN 2003-812511	20030415
JP 2005528402	T	20050922	JP 2003-585704	20030415
NZ 562286	A	20080731	NZ 2003-562286	20030415
NZ 561044	A	20090331	NZ 2003-561044	20030415
MX 2004010225	A	20050705	MX 2004-10225	20041014
PRAI US 2000-559542	A2	20000428		
US 2002-121706	A2	20020415		
EP 2001-928870	A3	20010426		
US 2003-406557	A	20030404		
US 2003-406574	A	20030404		
WO 2003-US11500	W	20030415		

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT
 OSC.G 3 THERE ARE 3 CAPLUS RECORDS THAT CITE THIS RECORD (3 CITINGS)

L9 ANSWER 3 OF 34 CA COPYRIGHT 2009 ACS on STN

Full Text

AN 138:29148 CA
 TI Controlled release dosage forms using **acrylic polymer**
 IN Kao, Huai-Hung; Zeng, Yadi; Jim, Fai; Cheng, Sou-Chan
 PA Endo Pharmaceuticals, Inc., USA
 SO PCT Int. Appl., 20 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002100382	A2	20021219	WO 2002-US18088	20020607
	WO 2002100382	A3	20031016		
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
	CA 2449519	A1	20021219	CA 2002-2449519	20020607
	AU 2002314968	A1	20021223	AU 2002-314968	20020607
	AU 2002314968	B2	20061207		
	EP 1392250	A2	20040303	EP 2002-741900	20020607
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR			
	CN 1514722	A	20040721	CN 2002-811475	20020607
	CN 100356907	C	20071226		
	JP 2004534056	T	20041111	JP 2003-503205	20020607
	US 20050169990	A1	20050804	US 2004-501798	20040719
PRAI	US 2001-297150P	P	20010608		
	WO 2002-US18088	W	20020607		

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT
 RE.CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 4 OF 34 CA COPYRIGHT 2009 ACS on STN

Full Text

AN 135:262136 CA
 TI Properties of **tablets** containing granulations of ibuprofen and an acrylic copolymer prepared by thermal processes
 AU Kidokoro, Motonori; Shah, Navnit H.; Malick, A. Waseem; Infeld, Martin H.; McGinity, James W.
 CS College of Pharmacy, The University of Texas at Austin, Austin, TX, 78712, USA
 SO Pharmaceutical Development and Technology (2001), 6(2), 263-275
 CODEN: PDTEFS; ISSN: 1083-7450
 PB Marcel Dekker, Inc.
 DT Journal
 LA English
 OSC.G 15 THERE ARE 15 CAPLUS RECORDS THAT CITE THIS RECORD (15 CITINGS)

RE.CNT 21 THERE ARE 21 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 5 OF 34 CA COPYRIGHT 2009 ACS on STN

Full Text

AN 135:111875 CA
TI A multiparticulate drug-delivery system based on pellets incorporated into
congealable polyethylene glycol carrier materials
AU Schmidt, C.; Bodmeier, R.
CS College of Pharmacy, Freie Universitat Berlin, Berlin, 12169, Germany
SO International Journal of Pharmaceutics (2001), 216(1-2), 9-16
CODEN: IJPHDE; ISSN: 0378-5173
PB Elsevier Science B.V.
DT Journal
LA English
OSC.G 5 THERE ARE 5 CAPLUS RECORDS THAT CITE THIS RECORD (5 CITINGS)
RE.CNT 12 THERE ARE 12 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 6 OF 34 CA COPYRIGHT 2009 ACS on STN

Full Text

AN 135:24570 CA
TI Influence of **curing** on the adhesive and thermomechanical properties of
an applied **acrylic polymer**
AU Felton, Linda A.; Baca, Miranda L.
CS College of Pharmacy, Health Sciences Center, University of New Mexico,
Albuquerque, NM, 87131, USA
SO Pharmaceutical Development and Technology (2001), 6(1), 53-59
CODEN: PDTEFS; ISSN: 1083-7450
PB Marcel Dekker, Inc.
DT Journal
LA English
OSC.G 4 THERE ARE 4 CAPLUS RECORDS THAT CITE THIS RECORD (4 CITINGS)
RE.CNT 30 THERE ARE 30 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 7 OF 34 CA COPYRIGHT 2009 ACS on STN

Full Text

AN 134:368643 CA
TI Detergent **tablets** with improved water solubility
IN Schmid, Karl Heinz; Fabry, Bernd; Stanislawski, Detlev
PA Cognis Deutschland G.m.b.H., Germany
SO PCT Int. Appl., 39 pp.
CODEN: PIXXD2
DT Patent
LA German
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
-----	---	-----	-----	-----
PI WO 2001034757	A1	20010517	WO 2000-EP10688	20001031
W: JP, US				
RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
DE 19953794	A1	20010517	DE 1999-19953794	19991109
EP 1228186	A1	20020807	EP 2000-972881	20001031
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL				
PRAI DE 1999-19953794	A	19991109		
WO 2000-EP10688	W	20001031		

RE.CNT 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 8 OF 34 CA COPYRIGHT 2009 ACS on STN

Full Text

AN 134:368638 CA
TI Granulated antifoaming agent for solid detergents, rinsing agents and
cleaning compositions
IN Schmid, Karl Heinz; Fabry, Bernd; Stanislawski, Detlev
PA Cognis Deutschland G.m.b.H., Germany
SO PCT Int. Appl., 37 pp.
CODEN: PIXXD2
DT Patent

LA German

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001034746	A1	20010517	WO 2000-EP10686	20001031
	W: JP, US				
	RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	DE 19953797	A1	20010517	DE 1999-19953797	19991109
	EP 1228180	A1	20020807	EP 2000-981219	20001031
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI, CY				
PRAI	DE 1999-19953797	A	19991109		
	WO 2000-EP10686	W	20001031		
OSC.G	3	THERE ARE 3 CAPLUS RECORDS THAT CITE THIS RECORD (3 CITINGS)			
RE.CNT	8	THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD			
		ALL CITATIONS AVAILABLE IN THE RE FORMAT			

L9 ANSWER 9 OF 34 CA COPYRIGHT 2009 ACS on STN

Full Text

AN 134:198101 CA
TI Delayed-release pharmaceutical formulations containing acrylic polymers
IN Andina, Christian; Fanning, Niall; Palmer, Fiona; Stark, Paul
PA Elan Corporation, Plc., Ire.
SO PCT Int. Appl., 38 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001013898	A2	20010301	WO 2000-GB3309	20000829
	WO 2001013898	A3	20010525		
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
	CA 2380333	A1	20010301	CA 2000-2380333	20000829
	AU 2000067156	A	20010319	AU 2000-67156	20000829
	EP 1206250	A2	20020522	EP 2000-954802	20000829
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL				
	JP 2003507416	T	20030225	JP 2001-518036	20000829
PRAI	US 1999-150880P	P	19990826		
	US 1999-150891P	P	19990826		
	US 1999-151221P	P	19990826		
	WO 2000-GB3309	W	20000829		
OSC.G	3	THERE ARE 3 CAPLUS RECORDS THAT CITE THIS RECORD (3 CITINGS)			
RE.CNT	4	THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD			
		ALL CITATIONS AVAILABLE IN THE RE FORMAT			

L9 ANSWER 10 OF 34 CA COPYRIGHT 2009 ACS on STN

Full Text

AN 133:282676 CA
TI Epoxy resin compositions and their **tablets** for packaging semiconductor devices
IN Mori, Takeshi
PA Sumitomo Bakelite Co., Ltd., Japan
SO Jpn. Kokai Tokkyo Koho, 5 pp.
CODEN: JKXXAF
DT Patent
LA Japanese
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 2000273289	A	20001003	JP 1999-77960	19990323
PRAI	JP 1999-77960		19990323		

L9 ANSWER 11 OF 34 CA COPYRIGHT 2009 ACS on STN

Full Text

AN 130:111599 CA

TI Preparation of polyurethanes for use in aqueous two-component clear coatings

IN Hintze-Bruening, Horst; Rink, Heinz-Peter; Weinert, Peter

PA Basf Coatings A.-G., Germany

SO Ger. Offen., 14 pp.

CODEN: GWXXBX

DT Patent

LA German

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI	DE 19728411	A1	19990107	DE 1997-19728411	19970703
	DE 19728411	C2	20010927		
	CA 2294748	A1	19990114	CA 1998-2294748	19980701
	WO 9901491	A1	19990114	WO 1998-EP4069	19980701
	W: BR, CA, JP, MX, US				
	RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	EP 993479	A1	20000419	EP 1998-935011	19980701
	EP 993479	B1	20010926		
	R: AT, DE, ES, FR, GB				
	BR 9811654	A	20000905	BR 1998-11654	19980701
	AT 206143	T	20011015	AT 1998-935011	19980701
	ES 2165179	T3	20020301	ES 1998-935011	19980701
	JP 2002508803	T	20020319	JP 1999-506340	19980701
	US 6399718	B1	20020604	US 2000-446695	20000221
PRAI	DE 1997-19728411	A	19970703		
	WO 1998-EP4069	W	19980701		

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

OSC.G 3 THERE ARE 3 CAPLUS RECORDS THAT CITE THIS RECORD (3 CITINGS)

RE.CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD

ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 12 OF 34 CA COPYRIGHT 2009 ACS on STN

Full Text

AN 127:225174 CA

OREF 127:43805a,43808a

TI Influence of plasticizers on the adhesive properties of an acrylic resin copolymer to hydrophilic and hydrophobic **tablet** compacts

AU Felton, Linda A.; McGinity, James W.

CS Drug Dynamics Institute, College of Pharmacy, The University of Texas at Austin, Austin, TX, 78712, USA

SO International Journal of Pharmaceutics (1997), 154(2), 167-178

CODEN: IJPHDE; ISSN: 0378-5173

PB Elsevier

DT Journal

LA English

OSC.G 25 THERE ARE 25 CAPLUS RECORDS THAT CITE THIS RECORD (25 CITINGS)

RE.CNT 33 THERE ARE 33 CITED REFERENCES AVAILABLE FOR THIS RECORD

ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 13 OF 34 CA COPYRIGHT 2009 ACS on STN

Full Text

AN 126:148382 CA

OREF 126:28626h,28627a

TI Influence of **tablet hardness** and hydrophobicity on the adhesive properties of an acrylic resin copolymer

AU Felton, Linda A.; McGinity, James W.

CS College Pharmacy, Univ. Texas, Austin, TX, 78712, USA

SO Pharmaceutical Development and Technology (1996), 1(4), 381-389

CODEN: PDTEFS; ISSN: 1083-7450

PB Dekker

DT Journal

LA English

OSC.G 14 THERE ARE 14 CAPLUS RECORDS THAT CITE THIS RECORD (14 CITINGS)

RE.CNT 27 THERE ARE 27 CITED REFERENCES AVAILABLE FOR THIS RECORD

ALL CITATIONS AVAILABLE IN THE RE FORMAT

Full Text

AN 126:79925 CA

OREF 126:15357a,15360a

TI Controlled-release formulations coated with aqueous dispersions of acrylic polymers

IN Oshlack, Benjamin; Pedi, Frank, Jr.; Chasin, Mark

PA Euro-Celtique, S.A., Luxembourg

SO U.S., 33 pp., Cont.-in-part of U.S. 5,286,493.

CODEN: USXXAM

DT Patent

LA English

FAN.CNT 14

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 5580578	A	19961203	US 1993-97558	19930727
	US 5286493	A	19940215	US 1992-826084	19920127
	CA 2074309	A1	19930728	CA 1992-2074309	19920721
	CA 2074309	C	19991123		
	ZA 9206587	A	19930302	ZA 1992-6587	19920729
	AT 184786	T	19991015	AT 1992-113236	19920803
	ES 2141713	T3	20000401	ES 1992-113236	19920803
	JP 05201856	A	19930810	JP 1992-219133	19920818
	JP 3957329	B2	20070815		
	IL 102851	A	19970610	IL 1992-102851	19920818
	RU 2127587	C1	19990320	RU 1992-4344	19921019
	AU 9229679	A	19930729	AU 1992-29679	19921126
	AU 660512	B2	19950629		
	BR 9204577	A	19930803	BR 1992-4577	19921126
	NO 9204597	A	19930728	NO 1992-4597	19921127
	NO 309360	B1	20010122		
	HU 219350	B	20001028	HU 1993-83	19930114
	HU 66961	A2	20010328		
	PL 171376	B1	19970430	PL 1993-297534	19930126
	CA 2128591	A1	19950128	CA 1994-2128591	19940721
	CA 2128591	C	19990323		
	AU 9468689	A	19950209	AU 1994-68689	19940725
	AU 686168	B2	19980205		
	EP 636366	A2	19950201	EP 1994-111733	19940727
	EP 636366	A3	19980204		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE				
	US 5639476	A	19970617	US 1995-459110	19950602
	US 5968551	A	19991019	US 1995-508246	19950727
	US 5958459	A	19990928	US 1995-561829	19951127
	IN 182215	A1	19990206	IN 1996-CA1452	19960813
	US 6143353	A	20001107	US 1997-816023	19970311
	HK 1005687	A1	20000420	HK 1998-104871	19980604
	US 6294195	B1	20010925	US 1999-390719	19990907
	GR 3032106	T3	20000331	GR 1999-403197	19991213
	AU 9965526	A	20000302	AU 1999-65526	19991224
	US 20030198673	A1	20031023	US 2002-273434	20021017
	US 7070806	B2	20060704		
	US 20030180361	A1	20030925	US 2003-392586	20030320
	US 7270831	B2	20070918		
	US 20040121001	A1	20040624	US 2003-731678	20031208
	AU 2004229058	A1	20041202	AU 2004-229058	20041111
	AU 2005201142	A1	20050407	AU 2005-201142	20050317
	AU 2005201142	B2	20090115		
	AU 2005203460	A1	20050901	AU 2005-203460	20050804
	AU 2005203460	B2	20090115		
	US 20080181941	A1	20080731	US 2007-840452	20070817
	JP 2008024708	A	20080207	JP 2007-213400	20070820
	US 20080044482	A1	20080221	US 2007-856610	20070917
	US 20090068269	A1	20090312	US 2008-207702	20080910
PRAI	US 1992-826084	A2	19920127		
	US 1991-814111	A2	19911224		
	US 1993-81618	A2	19930623		
	US 1993-86248	B2	19930701		
	US 1993-97558	A	19930727		
	US 1993-133503	B1	19931007		
	IN 1994-CA455	A1	19940615		
	JP 1994-221510	A3	19940916		

AU 1994-74455	A3	19941005
US 1995-459110	A2	19950602
US 1995-508246	A1	19950727
US 1997-816023	A1	19970311
AU 1997-17807	A3	19970409
US 1999-370270	A	19990809
AU 1999-44493	A3	19990813
US 1999-390719	A1	19990907
US 2000-707276	B1	20001106
US 2001-891882	A1	20010626
AU 2002-29207	A3	20020328
US 2003-392586	A1	20030320
US 2003-731678	A3	20031208

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT
 OSC.G 16 THERE ARE 16 CAPLUS RECORDS THAT CITE THIS RECORD (16 CITINGS)
 RE.CNT 52 THERE ARE 52 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 15 OF 34 CA COPYRIGHT 2009 ACS on STN

Full Text

AN 122:277767 CA
 OREF 122:50421h,50422a
 TI Liquid-crystal optical modulating device containing **acrylic polymer**
 IN Kin, Tatsuichiro; Uchama, Akihiko; Igarashi, Satoshi; Nakatani, Kenji
 PA Teijin Ltd, Japan
 SO Jpn. Kokai Tokkyo Koho, 6 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	---	-----	-----	-----
PI	JP 07049484	A	19950221	JP 1993-194589	19930805
PRAI	JP 1993-194589		19930805		

L9 ANSWER 16 OF 34 CA COPYRIGHT 2009 ACS on STN

Full Text

AN 119:146620 CA
 OREF 119:26105a,26108a
 TI Stabilized controlled-release formulations having **acrylic polymer** coating
 IN Oshlack, Benjamin; Chasin, Mark; Pedi, Frank, Jr.
 PA Euro-Celtique S.A., Luxembourg
 SO Eur. Pat. Appl., 22 pp.
 CODEN: EPXXDW
 DT Patent
 LA English
 FAN.CNT 14

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	---	-----	-----	-----
PI	EP 553392	A1	19930804	EP 1992-113236	19920803
	EP 553392	B1	19990922		
	EP 553392	B2	20071205		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE				
	US 5286493	A	19940215	US 1992-826084	19920127
	CA 2074309	A1	19930728	CA 1992-2074309	19920721
	CA 2074309	C	19991123		
	ZA 9206587	A	19930302	ZA 1992-6587	19920729
	AT 184786	T	19991015	AT 1992-113236	19920803
	ES 2141713	T3	20000401	ES 1992-113236	19920803
	JP 05201856	A	19930810	JP 1992-219133	19920818
	JP 3957329	B2	20070815		
	IL 102851	A	19970610	IL 1992-102851	19920818
	RU 2127587	C1	19990320	RU 1992-4344	19921019
	AU 9229679	A	19930729	AU 1992-29679	19921126
	AU 660512	B2	19950629		
	BR 9204577	A	19930803	BR 1992-4577	19921126
	NO 9204597	A	19930728	NO 1992-4597	19921127
	NO 309360	B1	20010122		
	HU 219350	B	20001028	HU 1993-83	19930114
	HU 66961	A2	20010328		
	PL 171376	B1	19970430	PL 1993-297534	19930126
	IN 182215	A1	19990206	IN 1996-CA1452	19960813

HK 1005687	A1	20000420	HK 1998-104871	19980604
GR 3032106	T3	20000331	GR 1999-403197	19991213
AU 9965526	A	20000302	AU 1999-65526	19991224
AU 2004229058	A1	20041202	AU 2004-229058	20041111
AU 2005201142	A1	20050407	AU 2005-201142	20050317
AU 2005201142	B2	20090115		
AU 2005203460	A1	20050901	AU 2005-203460	20050804
AU 2005203460	B2	20090115		
JP 2008024708	A	20080207	JP 2007-213400	20070820
PRAI US 1992-826084	A	19920127		
IN 1994-CA455	A1	19940615		
JP 1994-221510	A3	19940916		
AU 1994-74455	A3	19941005		
AU 1997-17807	A3	19970409		
US 1999-370270	A	19990809		
AU 1999-44493	A3	19990813		
AU 2002-29207	A3	20020328		

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

OSC.G 4 THERE ARE 4 CAPLUS RECORDS THAT CITE THIS RECORD (4 CITINGS)

L9 ANSWER 17 OF 34 CA COPYRIGHT 2009 ACS on STN

Full Text

AN 119:103218 CA

OREF 119:18417a,18420a

TI Indexes of **tableting** performance for acrylic resin polymers with plastic and brittle drugs

AU Schulze, Mark D.; McGinity, James W.

CS Coll. Pharm., Univ. Texas, Austin, TX, 78712-1074, USA

SO Drug Development and Industrial Pharmacy (1993), 19(12), 1393-411

CODEN: DDIPD8; ISSN: 0363-9045

DT Journal

LA English

OSC.G 8 THERE ARE 8 CAPLUS RECORDS THAT CITE THIS RECORD (8 CITINGS)

L9 ANSWER 18 OF 34 CA COPYRIGHT 2009 ACS on STN

Full Text

AN 115:214681 CA

OREF 115:36511a,36514a

TI Physical-mechanical properties of spray-dried and milled acrylic resin polymers in combination with a brittle or plastic drug

AU Schulze, M. D.; McGinity, James W.

CS Glaxo Inc., Zebulon, VA, 27597, USA

SO S.T.P. Pharma Sciences (1991), 1(3), 165-71

CODEN: STSSE5; ISSN: 1157-1489

DT Journal

LA English

L9 ANSWER 19 OF 34 CA COPYRIGHT 2009 ACS on STN

Full Text

AN 115:166534 CA

OREF 115:28347a,28350a

TI Coating of certain matrix cores with aqueous-based systems of acrylate methacrylate, a water-insoluble copolymer and drug release profiles

AU Okor, R. S.; Otimenyin, S.; Ijeh, I.

CS Dep. Pharm., Univ. Benin, Benin City, Nigeria

SO Journal of Controlled Release (1991), 16(3), 349-53

CODEN: JCREEC; ISSN: 0168-3659

DT Journal

LA English

OSC.G 8 THERE ARE 8 CAPLUS RECORDS THAT CITE THIS RECORD (8 CITINGS)

L9 ANSWER 20 OF 34 CA COPYRIGHT 2009 ACS on STN

Full Text

AN 114:214324 CA

OREF 114:35989a,35992a

TI Effects of additives on flurbiprofen controlled-release preparations

AU Efentakis, Manuel; Al-Hmoud, Hasan; Choulis, Nicolas

CS Sch. Pharm., Univ. Athens, Athens, GR-10680, Greece

SO Acta Pharmaceutica Technologica (1990), 36(4), 237-9

CODEN: APTEDD; ISSN: 0340-3157

DT Journal

LA English

OSC.G 5 THERE ARE 5 CAPLUS RECORDS THAT CITE THIS RECORD (5 CITINGS)

L9 ANSWER 21 OF 34 CA COPYRIGHT 2009 ACS on STN

Full Text

AN 113:49861 CA

OREF 113:8297a,8300a

TI Ultraviolet- or optical ray-**curable** storage-stable composition for resist or lithographic plate

IN Shimizu, Shigeki; Urano, Toshiyoshi

PA Mitsubishi Kasei Corp., Japan

SO Jpn. Kokai Tokkyo Koho, 12 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 02047658	A	19900216	JP 1988-199166	19880810
PRAI	JP 1988-199166		19880810		

L9 ANSWER 22 OF 34 CA COPYRIGHT 2009 ACS on STN

Full Text

AN 113:49860 CA

OREF 113:8297a,8300a

TI Ultraviolet- or optical ray-**curable** storage-stable composition for resist or lithographic plate

IN Shimizu, Shigeki; Urano, Toshiyoshi

PA Mitsubishi Kasei Corp., Japan

SO Jpn. Kokai Tokkyo Koho, 12 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 02047657	A	19900216	JP 1988-199165	19880810
PRAI	JP 1988-199165		19880810		

L9 ANSWER 23 OF 34 CA COPYRIGHT 2009 ACS on STN

Full Text

AN 112:125110 CA

OREF 112:21079a,21082a

TI Preparation and in vitro evaluation of prolonged release iron **tablets** containing Eudragit-walled microcapsules

AU Nada, Aly H.; El-Shibini, Hussein A.; Abd-Elghani, Yasser M.

CS Fac. Pharm., Univ. Alexandria, Alexandria, Egypt

SO Alexandria Journal of Pharmaceutical Sciences (1989), 3(2), 207-11

CODEN: AJPSES; ISSN: 1110-1792

DT Journal

LA English

L9 ANSWER 24 OF 34 CA COPYRIGHT 2009 ACS on STN

Full Text

AN 112:101066 CA

OREF 112:17171a,17174a

TI Mixtures of alginates and polyacrylates for pharmaceutical **tablets**

IN Einig, Heinz; Stieren, Baerbel; Buehler, Volker; Hollmann, Matthias

PA Knoll A.-G. Chemische Fabriken, Fed. Rep. Ger.

SO Eur. Pat. Appl., 5 pp.

CODEN: EPXXDW

DT Patent

LA German

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 334167	A1	19890927	EP 1989-104502	19890314
	EP 334167	B1	19930519		
	R: AT, BE, CH, DE, ES, FR, GB, IT, LI, NL, SE				
	DE 3809764	A1	19891005	DE 1988-3809764	19880323
	CA 1339194	C	19970805	CA 1989-593385	19890310
	AT 89580	T	19930615	AT 1989-104502	19890314
	ES 2054906	T3	19940816	ES 1989-104502	19890314

JP 02006543	A	19900110	JP 1989-66441	19890320
JP 2901635	B2	19990607		
FI 8901329	A	19890924	FI 1989-1329	19890321
FI 102184	B	19981030		
FI 102184	B1	19981030		
DK 8901427	A	19890924	DK 1989-1427	19890322
DK 174299	B1	20021125		
US 5230901	A	19930727	US 1992-966576	19921026
PRAI DE 1988-3809764	A	19880323		
US 1989-321276	B1	19890309		
EP 1989-104502	A	19890314		
US 1991-655200	B1	19910214		

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT
 OSC.G 10 THERE ARE 10 CAPLUS RECORDS THAT CITE THIS RECORD (10 CITINGS)

L9 ANSWER 25 OF 34 CA COPYRIGHT 2009 ACS on STN

Full Text

AN 107:155867 CA
 OREF 107:25083a,25086a
 TI Adhesive compositions used in water
 IN Ito, Toshio; Kikuchi, Takashi
 PA Nichiban Co., Ltd., Japan
 SO Jpn. Kokai Tokkyo Koho, 4 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	---	-----	-----	-----
PI	JP 62068869	A	19870328	JP 1985-206345	19850920
	JP 05008952	B	19930203		
PRAI	JP 1985-206345		19850920		

L9 ANSWER 26 OF 34 CA COPYRIGHT 2009 ACS on STN

Full Text

AN 107:102558 CA
 OREF 107:16625a,16628a
 TI Controlled-release theophylline **tablet** formulations containing acrylic resins. II. Combination resin formulations
 AU Cameron, Claud G.; McGinity, James W.
 CS Coll. Pharm., Univ. Texas, Austin, TX, 78712-1074, USA
 SO Drug Development and Industrial Pharmacy (1987), 13(8), 1409-27
 CODEN: DDIPD8; ISSN: 0363-9045
 DT Journal
 LA English
 OSC.G 17 THERE ARE 17 CAPLUS RECORDS THAT CITE THIS RECORD (17 CITINGS)

L9 ANSWER 27 OF 34 CA COPYRIGHT 2009 ACS on STN

Full Text

AN 106:182565 CA
 OREF 106:29537a,29540a
 TI Controlled-release theophylline **tablet** formulations containing acrylic resins. III. Influence of filler excipient
 AU Cameron, Claud G.; McGinity, James W.
 CS Coll. Pharm., Univ. Texas, Austin, TX, 78712-1074, USA
 SO Drug Development and Industrial Pharmacy (1987), 13(2), 303-18
 CODEN: DDIPD8; ISSN: 0363-9045
 DT Journal
 LA English
 OSC.G 14 THERE ARE 14 CAPLUS RECORDS THAT CITE THIS RECORD (14 CITINGS)

L9 ANSWER 28 OF 34 CA COPYRIGHT 2009 ACS on STN

Full Text

AN 105:232315 CA
 OREF 105:37443a,37446a
 TI Study on drug microforms. XIV. Evaluation of isolated membranes of domestic polyacrylates
 AU Heliova, M.; Rak, J.; Chalabala, M.
 CS Farm. Fak., Bratislava, Czech.
 SO Farmaceuticky Obzor (1986), 55(9), 401-5
 CODEN: FAOBAS; ISSN: 0014-8172
 DT Journal

LA Slovak

L9 ANSWER 29 OF 34 CA COPYRIGHT 2009 ACS on STN

Full Text

AN 103:76211 CA

OREF 103:12203a,12206a

TI Polymer coated excipient for sustained release **tablet** formulations

AU Chiarabaglio, G.; Maffione, G.; Moro, L.; Neri, G.

CS Farmitalia Carlo Erba S.p.A., Milan, 20146, Italy

SO Expo. - Congr. Int. Technol. Pharm., 3rd (1983), Volume 3, 119-27

Publisher: Assoc. Pharm. Galenique Ind., Chatenay-Malabry, Fr.

CODEN: 53YCA8

DT Conference

LA English

L9 ANSWER 30 OF 34 CA COPYRIGHT 2009 ACS on STN

Full Text

AN 102:209250 CA

OREF 102:32729a,32732a

TI Biopharmaceutical stability of amoxicillin in **tablets** elaborated with a gastrosoluble **acrylic polymer**

AU Martinez-Pacheco, R.; Vila-Jato, J. L.; Souto, C.; Concheiro, A.

CS Fac. Farm., Santiago de Compostela, Spain

SO Biopharm. Pharmacokinet., Eur. Congr., 2nd (1984), Volume 1, 298-307.

Editor(s): Aiache, J. M.; Hirtz, J. Publisher: Lavoisier, Paris, Fr.

CODEN: 53JFAA

DT Conference

LA English

L9 ANSWER 31 OF 34 CA COPYRIGHT 2009 ACS on STN

Full Text

AN 99:43531 CA

OREF 99:6757a,6760a

TI Pharmaceutical composition with sustained active ingredient release

IN Moro, Luigi; Maffione, Grazia; Neri, Guido; Rigamonti, Alessandro

PA Farmitalia Carlo Erba S.p.A., Italy

SO Ger. Offen., 27 pp.

CODEN: GWXXBX

DT Patent

LA German

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	-----	-----	-----	-----
PI	DE 3228999	A1	19830224	DE 1982-3228999	19820803
	DE 3228999	C2	19870402		
	DE 3228999	C3	19910627		
	AU 8286606	A	19830210	AU 1982-86606	19820730
	AU 557693	B2	19870108		
	NL 8203057	A	19830301	NL 1982-3057	19820730
	GB 2107214	A	19830427	GB 1982-22004	19820730
	GB 2107214	B	19850424		
	US 4499066	A	19850212	US 1982-403475	19820730
	AT 8202950	A	19860415	AT 1982-2950	19820730
	AT 381639	B	19861110		
	CA 1217721	A1	19870207	CA 1982-408550	19820730
	IL 66435	A	19861231	IL 1982-66435	19820801
	DK 8203456	A	19830206	DK 1982-3456	19820802
	DK 161182	B	19910610		
	DK 161182	C	19911125		
	FI 8202683	A	19830206	FI 1982-2683	19820802
	ZA 8205553	A	19830629	ZA 1982-5553	19820802
	CH 657046	A5	19860815	CH 1982-4662	19820802
	FR 2510888	A1	19830211	FR 1982-13542	19820803
	FR 2510888	B1	19860321		
	JP 58029717	A	19830222	JP 1982-134775	19820803
	JP 01016808	B	19890327		
	SE 8204581	A	19830206	SE 1982-4581	19820804
	SE 454325	B	19880425		
	SE 454325	C	19880804		
PRAI	IT 1981-23374	A	19810805		

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

OSC.G 7 THERE ARE 7 CAPLUS RECORDS THAT CITE THIS RECORD (7 CITINGS)

RE.CNT 1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 32 OF 34 CA COPYRIGHT 2009 ACS on STN

Full Text

AN 98:113620 CA

OREF 98:17213a

TI Biopharmaceutical study of acetylsalicylic acid **tablets** made from
acrylic resin-encapsulated particles

AU Meshali, Mahasen M.; El-Sabbagh, H.

CS Fac. Pharm., Mansoura Univ., Mansoura, Egypt

SO Acta Pharmaceutica Technologica (1982), 28(4), 287-90

CODEN: APTEDD; ISSN: 0340-3157

DT Journal

LA English

OSC.G 2 THERE ARE 2 CAPLUS RECORDS THAT CITE THIS RECORD (2 CITINGS)

L9 ANSWER 33 OF 34 CA COPYRIGHT 2009 ACS on STN

Full Text

AN 97:163991 CA

OREF 97:27369a,27372a

TI Visible-light-**curable** resin compositions

PA Teijin Ltd., Japan

SO Jpn. Kokai Tokkyo Koho, 7 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 57076009	A	19820512	JP 1980-151338	19801030
PRAI	JP 1980-151338		19801030		

L9 ANSWER 34 OF 34 CA COPYRIGHT 2009 ACS on STN

Full Text

AN 77:66170 CA

OREF 77:10899a,10902a

TI Elect of talcum and magnesium stearate on enteric coatings. I

AU Selles Flores, E.; Cordoba Borrego, M.

CS Dep. Farm. Galenica, Fac. Farm., Madrid, Spain

SO Galenica Acta (1970), 23(3-4-5), 111-39; (6), 167-204

CODEN: GLNAA6; ISSN: 0016-4011

DT Journal

LA Spanish

=> d an ti in pa so pi ab kwic 16 17 31 33

L9 ANSWER 16 OF 34 CA COPYRIGHT 2009 ACS on STN

Full Text

AN 119:146620 CA

OREF 119:26105a,26108a

TI Stabilized controlled-release formulations having **acrylic polymer** coating

IN Oshlack, Benjamin; Chasin, Mark; Pedi, Frank, Jr.

PA Euro-Celtique S.A., Luxembourg

SO Eur. Pat. Appl., 22 pp.

CODEN: EPXXDW

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 553392	A1	19930804	EP 1992-113236	19920803
	EP 553392	B1	19990922		
	EP 553392	B2	20071205		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE				
	US 5286493	A	19940215	US 1992-826084	19920127
	CA 2074309	A1	19930728	CA 1992-2074309	19920721
	CA 2074309	C	19991123		
	ZA 9206587	A	19930302	ZA 1992-6587	19920729
	AT 184786	T	19991015	AT 1992-113236	19920803
	ES 2141713	T3	20000401	ES 1992-113236	19920803
	JP 05201856	A	19930810	JP 1992-219133	19920818
	JP 3957329	B2	20070815		
	IL 102851	A	19970610	IL 1992-102851	19920818

	RU 2127587	C1	19990320	RU 1992-4344	19921019
	AU 9229679	A	19930729	AU 1992-29679	19921126
	AU 660512	B2	19950629		
	BR 9204577	A	19930803	BR 1992-4577	19921126
	NO 9204597	A	19930728	NO 1992-4597	19921127
	NO 309360	B1	20010122		
	HU 219350	B	20001028	HU 1993-83	19930114
	HU 66961	A2	20010328		
	PL 171376	B1	19970430	PL 1993-297534	19930126
	IN 182215	A1	19990206	IN 1996-CA1452	19960813
	HK 1005687	A1	20000420	HK 1998-104871	19980604
	GR 3032106	T3	20000331	GR 1999-403197	19991213
	AU 9965526	A	20000302	AU 1999-65526	19991224
	AU 2004229058	A1	20041202	AU 2004-229058	20041111
	AU 2005201142	A1	20050407	AU 2005-201142	20050317
	AU 2005201142	B2	20090115		
	AU 2005203460	A1	20050901	AU 2005-203460	20050804
	AU 2005203460	B2	20090115		
	JP 2008024708	A	20080207	JP 2007-213400	20070820
AB	A stabilized solid controlled-release dosage form having a coating derived from an aq. dispersion of an acrylic polymer is obtained by overcoating a substrate including a therapeutically active agent with an aq. dispersion of the plasticized acrylic polymer and then curing the coated substrate at a temp. above the glass transition temp. of the plasticized acrylic polymer . The coated dosage form shows a stabilized dissoln. profile substantially unaffected by exposure to storage conditions of elevated temp. and/or elevated relative humidity. For example, hydromorphone beads were prepd. by spraying a mixt. of hydromorphone·HCl and Opadry Y-5-1442 onto Nu-pareil 18/20 beads and the beads were overcoated with Eudragit RS 30D.				
TI	Stabilized controlled-release formulations having acrylic polymer coating				
AB	A stabilized solid controlled-release dosage form having a coating derived from an aq. dispersion of an acrylic polymer is obtained by overcoating a substrate including a therapeutically active agent with an aq. dispersion of the plasticized acrylic polymer and then curing the coated substrate at a temp. above the glass transition temp. of the plasticized acrylic polymer . The coated dosage form shows a stabilized dissoln. profile substantially unaffected by exposure to storage conditions of elevated temp. and/or. . .				
ST	controlled release acrylic polymer coating				
IT	Steroids, biological studies				
	RL: BIOL (Biological study)				
	(anti-inflammatory, controlled-release formulations contg., acrylic polymer coating in)				
IT	Analgesics				
	Antacids and Antiflatulents				
	Antibiotics				
	Anticonvulsants and Antiepileptics				
	Antiemetics				
	Antihistaminics				
	Antihypotensives				
	Antitussives				
	Bronchodilators				
	Cathartics				
	Decongestants				
	Diuretics				
	Expectorants				
	Hypnotics and Sedatives				
	Inflammation inhibitors				
	Muscle relaxants				
	Psychotropics				
	Vasodilators				
	Hormones				
	Vitamins				
	RL: BIOL (Biological study)				
	(controlled-release formulations contg., acrylic polymer coating in)				
IT	Digestive tract				
	(drugs for, controlled-release formulations contg., acrylic polymer coating in)				
IT	Diarrhea				
	(inhibitors, controlled-release formulations contg., acrylic				

polymer coating in)
 IT Bronchodilators
 (antiasthmatics, controlled-release formulations contg.,
 acrylic polymer coating in)
 IT Pharmaceutical dosage forms
 (capsules, controlled-release, acrylic-polymer
 coated beads in)
 IT Vein
 (disease, hemorrhoid, inhibitors, controlled-release formulations
 contg., acrylic polymer coating in)
 IT Pharmaceutical dosage forms
 (tablets, controlled-release, acrylic-
 polymer coated beads in)
 IT 57-27-2, Morphine, biological studies 58-55-9, Theophylline, biological
 studies 64-31-3, Morphine sulfate 71-68-1, Hydromorphone hydrochloride
 76-42-6, Oxycodone 76-57-3, Codeine 125-28-0, Dihydrocodeine
 466-99-9, Hydromorphone 509-60-4, Dihydromorphone 52485-79-7,
 Buprenorphine
 RL: BIOL (Biological study)
 (controlled-release formulations contg., acrylic
 polymer coating in)

L9 ANSWER 17 OF 34 CA COPYRIGHT 2009 ACS on STN
Full Text
 AN 119:103218 CA
 OREF 119:18417a,18420a
 TI Indexes of **tableting** performance for acrylic resin polymers with plastic
 and brittle drugs
 SO Drug Development and Industrial Pharmacy (1993), 19(12), 1393-411
 CODEN: DDIPD8; ISSN: 0363-9045
 AB The indexes of **tableting** performance were used to investigate the
 compaction properties of two methacrylate ester copolymers (Eudragit RS PM
 and RL PM) and three methacrylic acid copolymers (Eudragit S 100, L 100,
 and L 100-55). These polymers were designed to be incorporated directly
 into solid dosage forms for controlled-release purposes. The polymers
 were combined in the dry state with either sodium sulfathiazole (a brittle
 drug) or theophylline (a plastic drug) at concns. ranging from 0 to 100%
 polymer. All powders were blended for 15 min and compacts measuring 1
 square in. and weighing 5 g each were made using a die that decompressed
 triaxially and a Carver press equipped with a strain gauge. Solid
 fractions were kept const. at 0.81. Two of the **tableting** indexes, the
 bonding index (BI) and brittle fracture index (BFI), were studied for all
 mixts. The BFI of the sulfonamide (0.49) was nearly three times greater
 than the BFI for theophylline (0.17). The three methacrylic acid
 copolymers had high BFI values ranging from 0.99 to 1.60, demonstrating
 the brittle characteristics of these polymers. The BFI decreased with
 increasing drug content in all cases. Of the five polymers, the BI was
 greatest for Eudragit L 100-55 with both drugs, esp. at the 20% drug
 concn., followed by Eudragits L 100 and S 100. These three resins were
 prepd. by a spray-drying process. The strongest interactions (pos.
 deviations for the BFI; neg. deviations for indentation **hardness** and BI)
 of either drug with the polymers were always seen with the spray-dried
 materials. Low bonding indexes were obtained for both of the methacrylate
 ester copolymers. However, all mixts. of both drug with these milled
 polymers (RL PM and RS PM) formed successful **tablets**.
 TI Indexes of **tableting** performance for acrylic resin polymers with plastic
 and brittle drugs
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 the spray-dried materials. Low bonding indexes were obtained. . .
 methacrylate ester copolymers. However, all mixts. of both drug with
 these milled polymers (RL PM and RS PM) formed successful **tablets**.
 ST controlled release **tablet** compression **acrylic polymer**
 IT Compaction
 Compression and Compressibility

(of acrylic polymers, in **tableting**)

IT Brittleness
(of **tablets** based on acrylic polymers, compaction in relation to)

IT Pharmaceutical dosage forms
(**tablets**, controlled-release, acrylic polymers in, compaction properties of)

IT 58-55-9, Theophylline, properties 144-74-1, Sodium sulfathiazole
RL: PRP (Properties)
(compaction properties of acrylic polymers with, an **tableting**)

IT 25086-15-1, Eudragit S 100 25212-88-8, Eudragit L 100-55 33434-24-1, Eudragit RSPM 118606-45-4, Eudragit RLPM
RL: BIOL (Biological study)
(compaction properties of, in **tableting**)

L9 ANSWER 31 OF 34 CA COPYRIGHT 2009 ACS on STN

Full Text

AN 99:43531 CA

OREF 99:6757a,6760a

TI Pharmaceutical composition with sustained active ingredient release

IN Moro, Luigi; Maffione, Grazia; Neri, Guido; Rigamonti, Alessandro

PA Farmitalia Carlo Erba S.p.A., Italy

SO Ger. Offen., 27 pp.

CODEN: GWXXBX

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 3228999	A1	19830224	DE 1982-3228999	19820803
DE 3228999	C2	19870402		
DE 3228999	C3	19910627		
AU 8286606	A	19830210	AU 1982-86606	19820730
AU 557693	B2	19870108		
NL 8203057	A	19830301	NL 1982-3057	19820730
GB 2107214	A	19830427	GB 1982-22004	19820730
GB 2107214	B	19850424		
US 4499066	A	19850212	US 1982-403475	19820730
AT 8202950	A	19860415	AT 1982-2950	19820730
AT 381639	B	19861110		
CA 1217721	A1	19870207	CA 1982-408550	19820730
IL 66435	A	19861231	IL 1982-66435	19820801
DK 8203456	A	19830206	DK 1982-3456	19820802
DK 161182	B	19910610		
DK 161182	C	19911125		
FI 8202683	A	19830206	FI 1982-2683	19820802
ZA 8205553	A	19830629	ZA 1982-5553	19820802
CH 657046	A5	19860815	CH 1982-4662	19820802
FR 2510888	A1	19830211	FR 1982-13542	19820803
FR 2510888	B1	19860321		
JP 58029717	A	19830222	JP 1982-134775	19820803
JP 01016808	B	19890327		
SE 8204581	A	19830206	SE 1982-4581	19820804
SE 454325	B	19880425		
SE 454325	C	19880804		

AB Sustained-release **tablets** are prepd. by granulating the excipients and coating the granules with a polymer that is essentially insol. in aq. media. The coated excipients are mixed with the active ingredient and lubricant and compressed. Varying the particle size of the excipient, the excipient/drug ratio, and the **hardness** and amt. of the polymer coating can be used to vary the sustained-release effect. Thus, 100 g of granules (0.27-0.34 mm size) consisting of 3 parts CaHPO₄ and 1 part microcryst. cellulose [9004-34-6] moistened with a small amt. of PVP soln. were dried in a fluidized bed and coated with 20g Paraloid A11 [51909-90-1] polymer in 100 mL CH₂Cl₂. **Tablets** with a **hardness** of 6 kg were prepd. from ketoprofen [22071-15-4] 100, coated excipient 180, and Mg stearate 5.6 mg. The release of ketoprofen was 90% in 3 h vs. 20 min for **tablets** with uncoated excipients.

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ST sustained release **tablet**; coating **tablet** excipient polymer
 IT Acrylic polymers, biological studies
 RL: BIOL (Biological study)
 (excipient coating with, for sustained-release **tablets**)

IT **Tablets**
 (sustained-release, excipient **acrylic polymer**
 coating for)

IT 9011-87-4 51909-90-1
 RL: BIOL (Biological study)
 (excipient coating with, for sustained-release **tablets**)

IT 9004-34-6, biological studies
 RL: BIOL (Biological study)
 (microcryst., **tablet** excipient contg., **acrylic polymer** coating of, for sustained release)

IT 50-78-2 18464-39-6 22071-15-4 31842-01-0 57852-57-0
 RL: BIOL (Biological study)
 (sustained-release **tablets**, excipient **acrylic polymer** coating for)

IT 63-42-3 69-65-8 7757-93-9 9005-25-8, biological studies
 RL: BIOL (Biological study)
 (**tablet** excipient contg., **acrylic polymer** coating of, for sustained release)

L9 ANSWER 33 OF 34 CA COPYRIGHT 2009 ACS on STN

Full Text

AN 97:163991 CA

OREF 97:27369a,27372a

TI Visible-light-**curable** resin compositions

PA Teijin Ltd., Japan

SO Jpn. Kokai Tokkyo Koho, 7 pp.

CODEN: JKXXAF

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 57076009	A	19820512	JP 1980-151338	19801030

AB Visible-light-polymerizable resin compns. are prepd. from (1) polymers having (a) ZZ1NRR1 [I: Z = CO₂, O; Z1 = CH₂CH(OH)CH₂, CHR₂CHR₃; R, R1 = C1-5 alkyl, CHR₄CHR₅OH, RR1 = C2-5 alkylene (NRR1 = 3-6 membered ring); R₂, R₃ = H, C1-5 alkyl; R₄, R₅ = H, Me, Et], and (b) ZZ1Z2COCR6:CHR7 (Z, Z1 as in I; Z2 = O, N(CHR₈CHR₉OH)CHR₈CHR₉; R₆ = H, Me; R₇, R₈, R₉ = H, C1-5 alkyl) as side chains, (2) visible-light-reducible dyes, and (3) unsatd. monomers. Thus, a mixt. of 40:60 (mol %) Me methacrylate-glycidyl methacrylate copolymer [reduced viscosity 0.43 (0.5 g/dL DMF, 25°) 37.56, 2,6-di-tert-butylcresol (II) 0.4, triethylbenzylammonium iodide (III) 0.3, and methacrylic acid (IV) 7.8 g in 150 mL dioxane was heated at 90° for 6 h to give a polymer. A mixt. of the dried polymer (20 mol.% IV introduced) 20.4, III 0.15, II 0.2, and diethanolamine 5.0 g in 120 mL dioxane was heated at 60° for 7 h to give 20.1 g polymer (V). A mixt. of V 6, pentaerythritol tetraacrylate [4986-89-4] 4, methylene blue [61-73-4] 0.5 g in 100 mL CHCl₃ was coated on a sandblasted Al-plate with a bar-coater, dried 5 min at 60°, the coated surface was irradiated 60 s with a 460-W metal halide lamp at 85 cm distance by using Kodak photostep **tablet** no. 2 and developed with CHCl₃ to give a good pattern at step no. 13.

TI Visible-light-**curable** resin compositions

AB . . . coated surface was irradiated 60 s with a 460-W metal halide lamp at 85 cm distance by using Kodak photostep **tablet** no. 2 and developed with CHCl₃ to give a good pattern at step no. 13.

IT Crosslinking
 (photochem., of **acrylic polymer** solns. in polyfunctional acrylic monomers)

IT 61-73-4 11121-48-5
 RL: USES (Uses)
 (photosensitizers, for **acrylic polymer** solns. in polyfunctional acrylic monomers)

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COST IN U.S. DOLLARS	SINCE FILE	TOTAL
FULL ESTIMATED COST	ENTRY	SESSION
	89.71	89.93
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
CA SUBSCRIBER PRICE	ENTRY	SESSION
	-3.12	-3.12

STN INTERNATIONAL LOGOFF AT 20:26:59 ON 24 DEC 2009